



## EUROPEAN COMMISSION

DIRECTORATE-GENERAL JRC  
JOINT RESEARCH CENTRE  
Institute for Transuranium Elements

### Radioactivity - Radionuclides - Radiation 4<sup>th</sup> Multi-Media Training Course with Nuclides.net (14<sup>th</sup>-15<sup>th</sup> October 2004)

#### Agenda (1<sup>st</sup> Draft):

Thursday 14<sup>th</sup>

9:00	Training Course Overview & Nuclide Explorer	J. Magill
9:35	DataSheets/FactSheets/Articles/Weblinks	V. Berthou
9:50	Decay Calculations with Nuclides.net	T. Zagar
Coffee 10:20	GROUP PHOTO	
10:45	Dosimetry & Shielding with Nuclides.net	J. Galy
11:15	Universal Nuclide Chart	V. Berthou
11:30	Range Calculations of Particles and Ions in Solids	T. Wiss
Lunch 12:00		
	CASE STUDIES	
13:00	Partitioning: Thorium Purification	J. Galy
13:30	Dating: "Age" of Uranium Materials	A. Morgenstern
14:00	Source Term Evaluation: Nuclear tests at Mururoa	V. Berthou
Coffee 14:30		
15:00	Source Term Evaluation: Dirty Bombs	V. Berthou
15:30	Photo-nuclear reactions on <sup>242</sup> Plutonium	T. Zagar
16:00	Transportation of radionuclides	C. Brossard
Departure to hotel 16:30		
Dinner at hotel 19:00		

Friday 15<sup>th</sup>

9:00	<b>Special Lecture: "Exchange of environmental radioactivity information within the EU: what has changed since the Chernobyl accident"</b>	Marc De Cort EC, IES Ispra
10:00	Cross Sections/Fission Products & Yields	J. Galy
Coffee 10:30		
11:00	Installation/News/Search database	J. Galy
11:15	Tips & Tricks with Nuclides.net: (Qtool, Pstar, etc.)	
11:30	New Features of 2 <sup>nd</sup> Edition (2005) of Nuclides.net	
Lunch 12:00		
12:30	Projection of the JRC video	
13:00	Test	ALL
14:30	Questionnaire / feedback/ certificate/ poster	
Coffee 15:30		
16:00	End of Course	